Cumulative Index 1975, 1976, and 1977

Volumes 22, 23, and 24

Note: The volume year is in *italic* type. Page numbers of symposium and article titles are in **boldface** type.

SYMPOSIA

1975

February PEDIATRIC ALLERGY
May CHILDHOOD TRAUMA
August BEHAVIORAL PEDIATRICS
November GASTROINTESTINAL AND LIVER DISEASE

1976

February ONCOLOGY
May RECENT CLINICAL ADVANCES
August PEDIATRIC NEUROLOGY
November PEDIATRIC NEPHROLOGY

1977

February NUTRITION IN PEDIATRICS
May THE CHILD WITH RECURRENT INFECTION
August THE NEWBORN
November COMMON ORTHOPEDIC PROBLEMS

ABDOMEN, masses in, neonatal, *1977:* Aug., **557–578**
radiology and, *1975:* Nov., 856
pain in, recurrent, allergic basis, *1975:* Feb., 232
migraine headaches and, *1976:* Aug., 463
psychosomatic, *1975:* Aug., 578
trauma to, *1975:* May, 324–326
roentgenographic evaluation of, *1975:* May, 308–314
tumors of, *1976:* Feb., 12–13, 19–26
Abnormalities and deformities, congenital, behavioral aspects, *1975:* Aug., 574
Absorption, antigen, gastrointestinal disease and, *1975:* Nov., **731–746**
fat, in gastrointestinal function, *1975:* Nov., **721–730**
Abuse. See *Child abuse* and *Sexual abuse.*
Achilles tendonitis, *1977:* Nov., 822
Acid-base balance disorders. See also *Acidosis; Alkalosis.*
mechanisms of, *1976:* Nov., **639–649**
Acidosis, ammoniagenesis and, *1976:*

Acidosis (*Continued*)
Nov., 631–635
chronic renal insufficiency and, *1976:* Nov., 832–833
effect on blood coagulation, *1975:* May, 290–291
growth failure in renal disease and, *1976:* Nov., 889–890
in very small premature infants, *1977:* Aug., 621
metabolic, etiology of, *1976:* Nov., 642–644
respiratory, mechanism of, *1976:* Nov., 646–648
Acrodermatitis enteropathica, *1977:* Feb., 100
in formula fed infants, *1977:* Feb., 50–51
in host defense defects, *1977:* May, 403
Actinomycin D, in cancer chemotherapy, *1976:* Feb., 83
Additives, pesticides and, in foods, *1977:* Feb., **175–188**
Adenoma sebaceum, in patients with tuberous sclerosis, *1976:* Aug., 501
Adolescents. See also *Puberty.*
hospitalized, emotional responses, *1975:* Aug., 588
obesity in, *1977:* Feb., **123–132**
sexual problems, *1975:* Aug., 647–651
suicidal behavior, *1975:* Aug., 597–602
Adopted children, behavioral aspects, *1975:* Aug., **653–661**
Adrenocorticosteroid(s). See *Corticosteroid(s).*
Adrenogenital syndromes, neonatal, *1977:* Aug., 532–534
Adriamycin, in cancer chemotherapy, *1976:* Feb., 83–84
Aerosol steroids. See *Beclomethasone dipropionate.*
Age, gestational, determination of, *1977:* Aug., 439–440
Aggregation, platelet, in shock and trauma, *1975:* May, 280–282
AGN. See *Glomerulonephritis, acute poststreptococcal.*
Akinetic seizures, *1976:* Aug., 435–440
Albumin, in subdural effusions, *1975:* May, 435–437
metabolism, defects in, *1975:* Nov., 902–903
Alimentary tract. See *Gastrointestinal tract.*
Alimentation, parenteral. See *Parenteral nutrition.*
Alkalosis, metabolic, etiology of, *1976:* Nov., 645–646
respiratory, mechanism of, *1976:* Nov., 648
Alkylating agents, in cancer chemotherapy, *1976:* Feb., 82–83
Allergic tension-fatigue syndrome, *1975:* Feb., 229
Allergy. See also under specific factors, as *Insect stings,* and manifestations, as *Asthma.*
antihistamines for, *1975:* Feb., **157–162**
biochemical basis of drug therapy, *1975:* Feb., **111–119**
Allergy (*Continued*)
cow's milk, *1975:* Nov., 738, 779, **827–833**
food, *1975:* Feb., **217–220, 227–238;** *1977:* Feb., **133–139**
gastrointestinal, *1975:* Nov., 738
hyposensitization (immunotherapy) for, *1975:* Feb., **221–225, 239–249**
infection and, *1977:* May, **409–412**
prophylaxis, disodium cromoglycate for, *1975:* Feb., **141–146**
rationale for therapy, *1975:* Feb., **101–109**
respiratory, immediate type, diagnosis, *1975:* Feb., **33–42**
secretory otitis media and, *1975:* Feb., **251–257, 259–264**
soy protein, gluten sensitive enteropathy and, *1975:* Nov., 779
stinging insects and, *1975:* Feb., **185–192**
symposium on, *1975:* Feb., **1–264**
Alpha adrenergic blockers, for allergy, biochemical basis, *1975:* Feb., 116
rationale, *1975:* Feb., 107
Aminoacidopathies, megavitamin-responsive, *1976:* Aug., **557–567**
Ammoniagenesis, acid-base balance and, *1976:* Nov., 631–635
Amnionitis, prolonged rupture of membranes and, *1977:* Aug., 493
Amniotic fluid, analysis of, *1977:* Aug., 438
Amputation, in finger tip injuries, *1975:* May, 444; *1977:* Nov., 917
Anaphylactic reaction(s), to cow's milk, *1977:* Feb., 138
Anemia, false, in allergy, *1975:* Feb., 234
in chronic renal insufficiency, *1976:* Nov., 833–835
iron deficiency, in infants, *1977:* Feb., 51–52
Anesthesia, local, neonatal drug intoxication and, *1976:* Aug., **399–411**
recent advances in, *1976:* May, **345–360**
Angioedema, *1975:* Feb., **193–201**
hereditary, in host defense defects, *1977:* May, 403
Animal models in developmental research, *1975:* Aug., **619–631**
Ankle, foot and, fractures of, *1977:* Nov., 772
Anorexia, *1977:* Feb., 244
Anthropometry, *1977:* Feb., 253–258
Antibacterials, in burn patients, *1975:* May, 411–412
Antibiotics. See also specific drugs.
for acute poststreptococcal glomerulonephritis, *1976:* Nov., 756
for carcinoma, *1976:* Feb., 83–84
adverse effects of, *1976:* Feb., 230–231
for urinary tract infection, *1976:* Nov., 729–731
systemic, in burn patients, *1975:* May, 413
Anticipatory guidance, *1975:* Aug., **533–544**
in seizure disorders, *1976:* Aug., 439–459
Antidiuretic hormone, inappropriate secretion of, *1976:* Nov., **681–690**
Antigens, histocompatibility, gluten sensi-

Antigens (*Continued*)
tive enteropathy and, *1975:* Nov., 774–775
Antigen absorption, by small intestine, *1975:* Nov., **731–746**
Antihistamines, for allergy, *1975:* Feb., **157–162**
biochemical basis, *1975:* Feb., 117
rationale, *1975:* Feb., 107
Antihypertensive drugs, *1976:* Nov., 898–899
Antimicrobial agents, for urinary tract infection, *1976:* Nov., 729–731
Antiseptics, urinary, *1976:* Nov., 729
Antisocial personality, delinquency and, *1975:* Aug., 676
Aortography, in renal injuries, *1975:* May, 382
Apgar scores, in very small premature infants, *1977:* Aug., 619–620
Appetite, excessive, cystic fibrosis and, *1975:* Nov., 799
Arabinosyl cytosine, in cancer chemotherapy, *1976:* Feb., 87–88
Arteriovenous fistula, in hemodialysis, *1976:* Nov., 844–846
Artery, renal, occlusion of, *1975:* May, 386–390
Arthritis, and infections of bones and joints, *1977:* Nov., **775–790**
juvenile rheumatoid, *1977:* Nov., 776–783
septic, *1977:* Nov., 784–785
in foot pain, *1977:* Nov., 820
of hip, *1977:* Nov., 862–865
radiographic examination in, *1977:* Nov., 689
radionuclide bone imaging in, *1977:* Nov., 704–705
viral, *1977:* Nov., 785
Ascites, liver disease and, *1975:* Nov., 914
Asphyxia, neonatal, *1977:* Aug., 447–448, **455–461**
indicators of, *1977:* Aug., 645
perinatal, hypoxemia and, *1976:* Aug., 385–386
traumatic, *1975:* May, 345–346
Asthma, airway obstruction in, *1976:* May, 253–259, 264–270
antihistamines for, *1975:* Feb., 160
beclomethasone dipropionate for, *1975:* Feb., **147–155**
beta adrenergic theory of, *1975:* Feb., **53–61**
bronchodilation in, beta-adrenergic drugs for, *1975:* Feb., **129–139**
emotional precipitants, *1975:* Feb., 81
ephedrine for bronchodilation in, *1975:* Feb., **121–127**
exercise-induced, *1975:* Feb., **63–76**
family situation and, *1975:* Feb., 81
hyposensitization for, *1975:* Feb., 245
infectious, viral etiology of, *1977:* May, **409–412**
long-term hospitalization for, *1975:* Feb., **173–183**
psychologic aspects, *1975:* Feb., **77–88**
pulmonary function testing in, *1976:* May, **249–278**
Asthma (*Continued*)
seizures and, *1975:* Feb., **89–100**
spectrum of, *1975:* Feb., **43–52**
Astrocytomas, cerebellar, *1976:* Feb., 138
Ataxia, cerebellar, *1976:* Aug., 582
Ataxia-telangiectasia, *1976:* Aug., 512–513
immunodeficiency with, *1977:* May, 303–305
Athletics, orthopedic injuries in, *1977:* Nov., **737–747**
Atopic dermatitis, *1975:* Feb., 203
host defense defects and, *1977:* May, 396–399
Atropine, for allergy, biochemical basis, *1975:* Feb., 117
Attachment, mother-infant, mental retardation and, *1975:* Aug., 563
Axonotmesis, *1975:* May, 458–459
5-Azacytidine, in cancer chemotherapy, *1976:* Feb., 87

BABY foods, content and composition of, *1977:* Feb., **37–47**
Back, deformities of, *1977:* Nov., **871–880**
pain in, *1977:* Nov., **881–887**
Bacteremia, prolonged, glomerulonephritis and, *1976:* Nov., 702
Bacterial disease. See also specific diseases and organisms.
of urinary tract, office diagnosis and management, *1976:* Nov., **721–734**
Bacterial meningitis, *1976:* Aug., **541–556**
Bacteriuria, screening for, *1976:* Nov., 663
significant, *1976:* Nov., 724–725
Baker's cyst, *1977:* Nov., 855
Barbiturates, in anticonvulsant therapy, *1976:* Aug., 444–447
Battered child, *1975:* May, **329–339**; Aug., **695–715**
radiographic examination in, *1977:* Nov., 695–697
Battering sibling, *1975:* Aug., 701
B-cells, defects of, in immunodeficiency syndromes, *1975:* Nov., 815–819
function of, *1977:* May, 413–415
Beclomethasone dipropionate (Becotide), for asthma, *1975:* Feb., **147–155**
Behavior, disorders. See also specific problems, as *Juvenile delinquency.*
enuresis and, *1975:* Aug., 548
hemiplegia and, *1976:* Aug., 422
prevention, anticipatory guidance in, *1975:* Aug., 542
modification, in childhood obesity, *1977:* Feb., 120–121
problems, in early childhood, *1975:* Aug., **663–672**
Behavioral pediatrics, current status, *1975:* Aug., **517–523**
pediatrician's role, *1975:* Aug., **685–694**
symposium on, *1975:* Aug., **515–715**
Beikost, food costs of, *1977:* Feb., 77–78
Benzodiazepines, in anticonvulsant therapy, *1976:* Aug., 452–455
Berger's disease, recurrent gross hematuria in, *1976:* Nov., 697–698
Beta adrenergic bronchodilators, for asthma, *1975:* Feb., **129–139**

Bile acid metabolism, in fat absorption, *1975:* Nov., 722–726
Bilirubin metabolism, *1975:* Nov., 898
Biopsy, liver, in hepatomegaly, *1975:* 939
in Wilson's disease, *1975:* Nov., 971
Biotin, in amino acid disorders, *1976:* Aug., 563
Biparietal diameter, in evaluation of fetal growth, *1977:* Aug., 441–447
Birth defects, fetal constraint and, *1977:* Nov., **665–677**
Birth trauma, *1975:* May, **317–328**
Birth weight, prediction of, *1977:* Aug., 439–440
Births, multiple, management of, *1977:* Aug., 487–489
Bladder, training, for enuresis, *1975:* Aug., 557
trauma, *1975:* May, 397–399
Bleeding. See *Hemorrhage.*
Bleomycin, in cancer chemotherapy, *1976:* Feb., 84
Blood, coagulation, in trauma, *1975:* May, **289–299**
component therapy, in cancer patient, *1976:* Feb., 217–218
loss. See *Hemorrhage.*
pressure. See also *Hypertension; Hypotension.*
in acute poststreptococcal glomerulonephritis, *1976:* Nov., 755
restoration of, in very small premature infants, *1977:* Aug., 621–623
replacement, in burn patients, *1975:* May, 410–411
Blood urea nitrogen, serum creatinine levels and, in renal function testing, *1976:* Nov., 673–674
Blount's disease, *1977:* Nov., 831–835
Body weight, measurement of, *1977:* Feb., 254
Bone, benign and malignant tumors of, radiographic examination of, *1977:* Nov., 697–698
imaging, radionuclide, *1977:* Nov., **701–712**
metabolic disease of, radiographic examination of, *1977:* Nov., 695, 697
remodeling of, development and correction of deformities during, *1977:* Nov., 680–682
sarcomas, metastases from, screening for, *1976:* Feb., 41–46
scanning, for metastases, *1976:* Feb., 41–46
tumors, malignant, managing, *1976:* Feb., **183–213**
radionuclide bone imaging in, *1977:* Nov., 702–704
Bone marrow transplantation, for immunodeficiency, *1977:* May, 310, 316–324
in severe combined immunodeficiency, *1977:* May, 310
Bottle feeding, infections related to, *1977:* Feb., 54–55
Bowel. See also *Intestine(s).*
trauma, *1975:* May, 310, 313
Bowlegs, causes of, *1977:* Nov., **825–839**
Brachial plexus injury, in newborn, *1977:* Nov., 897–899
Bradycardia, in local anesthetic intoxication, *1976:* Aug., 400–401
Brain, injury, *1975:* May, 421
hypoxic-ischemic, perinatal, *1976:* Aug., **383–397**
isotope scan of, in head trauma, *1975:* May, 421–422
scanning, for tumors, *1976:* Feb., 46, 49–50
radionucleotide, for brain tumors, *1976:* Feb., 136
tumors, diagnosis and treatment of, *1976:* Feb., **131–146**
Brainstem glioma, *1976:* Feb., 140–141
Breast feeding, emotional nurturance and, *1977:* Feb., 57–58
immunologic aspects of, *1977:* May, 418–420
in prevention of antigen uptake, *1975:* Nov., 742
long-term consequences of, *1977:* Feb., **63–70**
maternal advantages of, *1977:* Feb., 65–68
versus proprietary milk, *1977:* Feb., **17–36**
Breast milk, hyperbilirubinemia and, *1977:* Aug., 514
Breathing. See *Respiration.*
Breech position, typical patterns of deformation and, *1977:* Nov., 669–670
Brodie's abscess, *1977:* Nov., 821
Bronchial provocation tests, for immediate type respiratory allergy, *1975:* Feb., 38
Bronchiolitis, infection and, *1977:* May, **409–412**
Bronchodilation, in asthma, beta-adrenergic drugs for, *1975:* Feb., **129–139**
ephedrine for, *1975:* Feb., **121–127**
Brooke's formula, fluid replacement in burn patients, *1975:* May, 409–410
Burns, of hand, *1975:* May, 447–448
Busulfan, in chronic myelogenous leukemia, *1976:* Feb., 83

CAFE-AU-LAIT spots, in neurofibromatosis, *1976:* Aug., 506
Calcaneovalgus, congenital, *1977:* Nov., 671
Calcitonin, calcium and, neonatal disorders associated with, *1976:* Nov., 620–621
Calcium, neonatal physiology and pathology of, *1976:* Nov., **611–626**
recommended intake in infants, *1977:* Feb., 9
Calories, neonatal requirement of, *1977:* Aug., 548
recommended intake in infants, *1977:* Feb., 4–5, 11–12
Candidiasis, chronic mucocutaneous, *1977:* May, 298–300, 397
of skin, *1975:* Feb., 210
host defense defects and, *1977:* May, 401–402

Carbamazepine, in anticonvulsant therapy, *1976:* Aug., 451–452
Carbohydrate(s), dental caries and, *1977:* Feb., 145–147
intolerance of, *1975:* Nov., **757–766**
neonatal requirement of, *1977:* Aug., 548
Carcinoma. See also specific types and under organ and regions.
diagnosis, *1976:* Feb., **55–65**
diagnosis and treatment, basic considerations, *1976:* Feb., **3–9**
immunology and immunotherapy in, *1976:* Feb., **93–109**
infection and, *1976:* Feb., 228–230
multimodal therapy in, *1976:* Feb., **111–115**
effects of, *1976:* Feb., 73–75
nuclear medicine in, *1976:* Feb., **41–53**
pediatric, symposium on, *1976:* Feb., **1–244**
supportive care for child with, *1976:* Feb., **215–224**
treatment, early side effects, *1976:* Feb., **225–232**
late side effects, *1976:* Feb., **233–244**
Cardiac. See *Heart.*
Caries, dental, nutrition and, *1977:* Feb., **141–155**
Cast application, in fractures, *1977:* Nov., 757
Cataracts, corticosteroids and, in renal allograft recipient, *1976:* Nov., 863–864
CAT scans, in diagnosing hemiplegia, *1976:* Aug., 424–426
of head, *1976:* Aug., **473–498**
Celiac disease, *1975:* Nov., 740, **767–785**
Cell migration, abnormalities of, *1977:* May, 385–387
Cellulitis, bone imaging in diagnosis of, *1977:* Nov., 704–705
Central nervous system, trauma, *1975:* May, **415–424**
Cephalhematoma, neonatal, *1975:* May, 317–319
Cerebral edema, neonatal, treatment of, *1976:* Aug., 388–389
Cerebral lipidoses, *1976:* May, **303–326**
Cerebral palsy, neonatal intensive care in reduction of, *1977:* Aug., **639–649**
Ceruloplasmin, in Wilson's disease, *1975:* Nov., 968
Challenge tests, for immediate type respiratory allergy, *1975:* Feb., 37
Characterological delinquency, *1975:* Aug., 676
Cheek bone, fracture of, *1977:* Nov., 766
Chemotaxis, leukocyte, disorders of, *1977:* May, **377–393**
Chemotherapy. See also specific agents.
Chemotherapy, basis for use, *1976:* Feb., **67–92**
carcinogenic potential of, *1976:* Feb., 237
combination, *1976:* Feb., 91
in acute leukemia, toxic effects of, *1976:* Feb., 124–126
fertility and, *1976:* Feb., 235–236
genetic risks of, *1976:* Feb., 236–237
mechanisms of action and significant side
Chemotherapy (*Continued*)
effects, *1976:* Feb., 77–91, **225–232, 233–244**
Chest, major trauma to, *1975:* May, **341–347**
roentgenographic evaluation of, in trauma, *1975:* May, 305–308
Child abuse, *1975:* Aug., **695–715**
fractures and, *1977:* Nov., 752
neglect and, *1975:* May, 329–339
Child development, in mental retardation, *1975:* Aug., 565
psychological and social aspects, *1975:* Aug., 517, 520
Childhood, trauma in, symposium on, *1975:* May, **267–511**
Children. See also *Infant(s); Newborn; Premature infant(s).*
carcinoma in, symposium on, *1976:* Feb., **1–244**
nutritional status in U.S., *1977:* Feb., **211–227**
preschool and school-age, obesity in, *1977:* Feb., **117–122**
Chlorambucil, in cancer chemotherapy, *1976:* Feb., 83
Chondromalacia patellae, *1977:* Nov., 845–847
Christmas factor, in coagulation, *1975:* May, 292–293
Chromosomes, abnormalities of, in newborns, *1976:* May, 362–365
Chronic disease, behavioral aspects, *1975:* Aug., **525–531**
nutritional management in, *1977:* Feb., **157–174**
parental reactions, *1975:* Aug., 527
Chronic granulomatous disease, *1977:* May, **365–376**
Cirrhosis, cystic fibrosis and, *1975:* Nov., 799–802
Clavicle, congenital pseudarthrosis of, *1977:* Nov., 901
fractures of, *1977:* Nov., 767
retrosternal displacement of, *1977:* Nov., 766
Claw toes, *1977:* Nov., 724–725, 819
Cleidocranial dysostosis, *1977:* Nov., 900–901
Clonazepam, in anticonvulsant therapy, *1976:* Aug., 439, 454–455
Clotting factors, in liver disease, *1975:* Nov., 904
Coagulation, alterations in, with trauma, *1975:* May, **289–299**
diffuse intravascular, *1975:* May, 296–299
Cobb measurement, in determining spinal curvature, *1977:* Nov., 716–719
Cold urticaria, *1975:* Feb., 198
Colic, behavior problems and, *1975:* Aug., 665
Colitis, ulcerative, *1975:* Nov., **835–850**
arthritis and, *1977:* Nov., 783
Colloid, infusions of, in treatment of shock, *1975:* May, 271–273
Colon. See *Gastrointestinal tract; Intestines.*

Coma, hepatic, *1975:* Nov., 915–918
Complement system, immunobiology of, infectious diseases involving, *1977:* May, **341–364**
Computed tomography, in intracranial neoplasms, *1976:* Feb., 31–39, 136
Congenital deformities, orthopedic, *1977:* Nov., **665–677**
Congenital heart disease. See under *Heart.*
Congestive heart failure. See under *Heart.*
Connective tissue disorders. See specific disorders.
Constraint, uterine, congenital deformities and, *1977:* Nov., **665–677**
Contusions, in athletes, *1977:* Nov., 744–745
  renal, *1975:* May, 382–384
Copper, deficiency, in infants and children, *1977:* Feb., 101–103
  radioactive isotopes of, in Wilson's disease, *1975:* Nov., 973
  recommended intakes of, in infants, *1977:* Feb., 10
Cor pulmonale, in cystic fibrosis, echocardiographic assessment of, *1976:* May, **327–344**
Cornea, injury of, *1975:* May, 505–507
Corticosteroids, for allergy. See also *Beclomethasone dipropionate.*
    biochemical basis, *1975:* Feb., 113
  for renal allograft recipient, *1976:* Nov., 863–867
    complications and side effects, *1976:* Nov., 863–869
Costochondral separation, in athletes, *1977:* Nov., 744
Counseling, goals, for enuresis, *1975:* Aug., 556
  in childhood obesity, *1977:* Feb., 120–121
Cow's milk, allergy to, *1975:* Nov., **827–833;** *1977:* Feb., 51
    gluten sensitive enteropathy and, *1975:* Nov., 779
  nutrient content of, *1977:* Feb., 20–27
  protein, diseases related to, *1977:* Feb., 50–51
Craniofacies, congenital deformities of, *1977:* Nov., 672–676
Craniopharyngiomas, *1976:* Feb., 143
  computed tomography and, *1976:* Feb., 35
Cranium, trauma to, *1975:* May, 425
Crepitus, articular patellar, *1977:* Nov., 846
Cretinism, *1976:* Aug., 583–588
Crohn's disease, *1975:* Nov., **835–850**
Cromolyn. See *Disodium cromoglycate.*
Crown-rump length, fetal, measurement of, *1977:* Aug., 439–440
Culture, tissue, in diagnostic oncology, *1976:* Feb., 58–60
  urine, techniques in office practice, *1976:* Nov., 725–726
Cyclophosphamide, for focal glomerular sclerosis, *1976:* Nov., 743
  for nephrotic syndrome, *1976:* Nov., 743–746
  in cancer chemotherapy, *1976:* Feb., 82–83
Cyst-gastrostomy, in pancreatic trauma, *1975:* May, 366–368
Cystic fibrosis, cor pulmonale in, echocardiographic assessment of, *1976:* May, **327–344**
  gastrointestinal manifestations of, *1975:* Nov., **787–805**
  radiologic evidence of, *1975:* Nov., 868
Cystinosis, Fanconi syndrome and, *1976:* Nov., **779–793**
  renal transplant and, *1976:* Nov., 862
Cystourethrography, in diagnosis of urinary tract infection, *1976:* Nov., 731
Cystostomy, in urethral injury, *1975:* May, 402–406

DAUNORUBICIN, in cancer chemotherapy, *1976:* Feb., 83–84
Deafness, hypothyroidism and, *1976:* Aug., 588
Decompression, gastric, with burns, *1975:* May, 409
Deformities, congenital musculoskeletal, *1977:* Nov., **665–677**
  postnatal, origin and mechanisms of, *1977:* Nov., **679–684**
Dehydration, in acute renal failure, *1976:* Nov., 819
Delaney Clause, *1977:* Feb., 181
Delinquency. See *Juvenile delinquency.*
Dental caries, nutrition and, *1977:* Feb., **141–155**
Depression, maternal, effect on infant behavior, *1975:* Aug., 574
  neonatal, local anesthetic intoxication and, *1976:* Aug., 403
  suicidal behavior and, *1975:* Aug., 596
Dermatitis, atopic, *1975:* Feb., 203
    host defense defects and, *1977:* May, 396–399
  diaper, *1975:* Feb., 209
  seborrheic, *1975:* Feb., 206
    host defense defects and, *1977:* May, 400–401
Dermatomyositis, arthritis and, *1977:* Nov., 782
Development. See also *Growth and development.*
  delayed, enuresis and, *1975:* Aug., 547
  problems, in adopted children, *1975:* Aug., 656–660
  research in, animal models, *1975:* Aug., **619–631**
  retardation of, infants at risk for, *1977:* Aug., **633–637**
  stages, symptom interpretation and, *1975:* Aug., **571–581**
Diabetes, enuresis and, *1975:* Aug., 547
Diabetes mellitus, cystic fibrosis and, *1975:* Nov., 802
  maternal, early neonatal hypocalcemia and, *1976:* Nov., 612
    neonatal hypomagnesemia and, *1976:* Nov., 615–616

Dialysis. See also *Hemodialysis*.
chronic, growth of patients undergoing, *1976:* Nov., 890
in acute neonatal renal failure, *1977:* Aug., 615
in acute renal failure, *1976:* Nov., 824–825
peritoneal, *1976:* Nov., 902–903
weight monitoring during, *1976:* Nov., 852–853
Dialyzers, selection and use, *1976:* Nov., 848–852
Diaper dermatitis, *1975:* Feb., 209
Diarrhea, hypernatremia and, *1976:* Aug., 571
toxigenic, *1975:* Nov., 741
viral, *1975:* Nov., 749
Diastomatomyelia, *1977:* Nov., 884–885
Diazepam, in anticonvulsant therapy, *1976:* Aug., 439, 453–454
Diet, assessment of, *1977:* Feb., 266–271
fad, *1977:* Feb., **189–201**
ketogenic, in management of motor seizures, *1976:* Aug., 440–441
therapy. See also *Weight, reduction*.
vegetarian, *1977:* Feb., 195–196, **203–210**
DiGeorge syndrome, *1977:* May, 296
fetal thymus transplant for, *1977:* May, 297–298, 324
Diphenylhydantoin, in anticonvulsant therapy, *1976:* Aug., 447–449
Diplegia, spastic, periventricular leukomalacia and, *1976:* Aug., 395–396
Disaccharide, intolerance of, *1975:* Nov., **757–766**
Disc, lumbar, herniated, *1977:* Nov., 884–885
Disc space, infections of, *1977:* Nov., 884–885
Discitis, detection by radionuclide bone imaging, *1977:* Nov., 705, 707–708
Dislocations, of the hand, *1975:* May, 454–456; *1977:* Nov., 909–913
Disodium cromoglycate (Cromolyn), for allergy, biochemical basis, *1975:* Feb., 116
prophylactic, *1975:* Feb., **141–146**
rationale, *1975:* Feb., 106
Dithiothreitol (DTT), for cystinosis, *1976:* Nov., 788
Disseminated intravascular coagulation, neonatal, exchange transfusion in, *1977:* Aug., 601–603
necrotizing enterocolitis and, *1977:* Aug., 582–583
Diuretic agents, *1976:* Nov., 897
for inappropriate antidiuretic hormone secretion, *1976:* Nov., 687
Drug(s). See also names and types of drugs.
antibacterial, in urinary tract infection, *1976:* Nov., 728–729
anticancer, adverse effects of, *1976:* Feb., 226–228, 230–231
basis for use and pharmacology of, *1976:* Feb., **67–92**
sequelae of, *1976:* Feb., **233–244**
anticonvulsant, in seizure disorders, *1976:* Aug., **443–459**
Drug(s) (*Continued*)
intoxication, local anesthetics and, *1976:* Aug., **399–411**
Duodenum, atresia of, neonatal, *1977:* Aug., 570
Duplication cysts, gastrointestinal, neonatal, *1977:* Aug., 569–570
Dwarfism, short-limbed, immunodeficiency with, *1977:* May, 305–306
in host defense defects, *1977:* May, 404
Dysraphic states, clinical advances in treatment of, *1976:* Aug., **517–526**
Dysuria, treatment of, *1976:* Nov., 728

EAR. See also *Deafness*.
flattened, in newborn, *1977:* Nov., 674
Echoencephalography, in head trauma, *1975:* May, 421
Eczema, *1975:* Feb., **203–215**
in Wiskott-Aldrich syndrome, *1977:* May, 301–303
Edema, cerebral, *1975:* May, 418–426
neonatal, steroids for, *1976:* Aug., 388–389
Elbow, fractures and dislocations of, *1977:* Nov., 767, 768, 769–770
pulled, *1977:* Nov., 770
Encephalitis, hemiplegia and, *1976:* Aug., 415
Encephalopathy, acute, with fatty infiltration of viscera, *1976:* Aug., **527–540**
hepatic, *1975:* Nov., 915–918
perinatal hypoxic-ischemic, *1976:* Aug., **383–397**
Endocrine disorders. See specific disorders.
Endocrinology, perinatal, *1977:* Aug., **529–535**
Endoscopy, for enuresis, *1975:* Aug., 557
Enteritis, gluten sensitive enteropathy and, *1975:* Nov., 778
regional, arthritis and, *1977:* Nov., 783
Enterocolitis, acute necrotizing, in infants, *1977:* Feb., 54
necrotizing, neonatal, *1977:* Aug., 574–575, **579–584**, 628–629
Enuresis, *1975:* Aug., **545–560**
allergic basis, *1975:* Feb., 234
Enzyme. See also names of enzymes.
deficiency, immunodeficiency with, *1977:* May, 306–308
Ependymoma, of cerebral hemisphere, *1976:* Feb., 143
of posterior fossa, *1976:* Feb., 141–142
Ephedrine, for allergy, biochemical basis, *1975:* Feb., 111
for bronchodilation in asthma, *1975:* Feb., **121–127**
Epilepsy, anticonvulsant drugs for, *1976:* Aug., **443–459**
hemiplegia and, *1976:* Aug., 421–422
migraine headache and, *1976:* Aug., 464–467
Epinephrine, for allergy, biochemical basis, *1975:* Feb., 111
Epiphyseal plate, insult to, deformities secondary to, *1977:* Nov., 682–683

Epiphysis, fractures of, *1977:* Nov., 760
classification, *1975:* May, 469–471
open, resemblance to fracture, *1977:* Nov., 751–752
slipped capital femoral, *1977:* Nov., 766–767, 865–869
Equinovarus, congenital, *1977:* Nov., 672
Erb's palsy, *1977:* Nov., 898–899
Escharotomy, in burn patients, *1975:* May, 411
Ethanol, for inappropriate antidiuretic hormone secretion, *1976:* Nov., 687
Ethosuximide, in anticonvulsant therapy, *1976:* Aug., 440, 450
Ewing's sarcoma, *1976:* Feb., 184–201
Examination, orthopedic screening, for athletes, *1977:* Nov., 741–742
Exercise, asthma induced by, *1975:* Feb., **63–76**
Exchange transfusion, neonatal, new uses for, *1977:* Aug., **599–604**
Extravasation, urinary, *1975:* May, 395
Eye, changes in, in cystinosis, *1976:* Nov., 780, 782–784
defects of, hemiplegia and, *1976:* Aug., 421
trauma, *1975:* May, **501–511**

FACE, compressed, in newborn, *1977:* Nov., 672–674
Faddism, food, *1977:* Feb., **189–201**
Failure to thrive, in cystinosis, *1976:* Nov., 780
radiologic investigation of, *1975:* Nov., 865
Fanconi syndrome, cystinosis and, *1976:* Nov., **779–793**
Fat, absorption, in gastrointestinal function, *1975:* Nov., **721–730**
neonatal requirement of, *1977:* Aug., 548–550
recommended intake, in infants, *1977:* Feb., 5–6
Fatty acids, in renal sodium reabsorption, *1976:* Nov., 628
Federal nutrition support programs, *1977:* Feb., **229–239**
Feeding, infant, breast milk vs. proprietary milk in, *1977:* Feb., **17–36**
economics of, *1977:* Feb., **71–84**
methods, associated diseases, *1977:* Feb., **49–61**
Feet. See also *Foot.*
flat, corrective shoes for, *1977:* Nov., 795
pain associated with, *1977:* Nov., 817–818
high arched, painful, *1977:* Nov., 817–819
traumatic causes of pain in, *1977:* Nov., 821–822
tumors of, *1977:* Nov., 822
Femoral anteversion, increased, intoeing and, *1977:* Nov., 808–811
Femur, fractures of, *1977:* Nov., 772
Fertility, toxic effects of chemotherapy on, *1976:* Feb., 235–236
Fetal thymus transplant, in DiGeorge and other syndromes, *1977:* May, 297–298, 324
Fetus, biparietal diameter of, fetal growth and, *1977:* Aug., 441–447
constraint of, congenital deformities and, *1977:* Nov., **665–677**
deviant growth of, *1977:* Aug., **431–454**
gestational staging of, *1977:* Aug., 439–440
posture of, congenital deformities and, *1977:* Nov., 666
weight of, prediction of, *1977:* Aug., 440–441
Fibrinolysis, in trauma, *1975:* May, 293–294
Fibula, distal, epiphyseal separation of, *1977:* Nov., 767
Finger, fractures of, *1977:* Nov., 770, 772
mallet injuries of, *1977:* Nov., 907–908
multiple injuries of, *1975:* May, 445–447
Fingernail, bleeding beneath, *1977:* Nov., 916
Fingertip, injuries of, *1975:* May, 443–445; *1977:* Nov., 917–918
Fistulae, arteriovenous, in hemodialysis, *1976:* Nov., 844–846
Fixation, internal, of open fractures, *1975:* May, 474–475
Flat feet, corrective shoes for, *1977:* Nov., 795
pain associated with, *1977:* Nov., 817–818
Fluid, and electrolytes, disorders in neonates, *1976:* Nov., **601–609**
in very small premature infants, *1977:* Aug., 623–624
requirements in neonates, *1977:* Aug., 537–546
intake of, in head trauma, *1975:* May, 428
intravenous, in shock resuscitation, *1975:* May, **269–274**
overload of, respiratory distress and, *1975:* May, 277
replacement, in burn patients, *1975:* May, 409–410
Fluoride, dental caries and, *1977:* Feb., 10, 148–152
5-Fluorouracil, in cancer chemotherapy, *1976:* Feb., 87–88
Folic acid, in aminoacidopathies, *1976:* Aug., 560–562
Food, additives in, *1977:* Feb., **175–188**
allergy to, *1975:* Feb., **217–220, 227–238;** *1977:* Feb., **133–139**
assistance programs, federal, *1977:* Feb., 233–236
commercial infant, content and composition, *1977:* Feb., **37–47**
faddism, *1977:* Feb., **189–201**
strained, for infants, selection of, *1977:* Feb., 38–42
Foot. See also *Feet.*
ankle and, fractures of, *1977:* Nov., 772
congenital deformities of, *1977:* Nov., 671–673
foreign body in, *1977:* Nov., 816–817
osteochondroses of, *1977:* Nov., 818, 820
pain in, *1977:* Nov., 813–823
stress fractures of, *1977:* Nov., 821–822

Forearm, fractures of, *1977:* Nov., 770
Formulas, infant, as breast milk substitutes, *1977:* Feb., 27–30
costs of various types, *1977:* Feb., **71–84**
fat absorption and, *1975:* Nov., 726–728
overconcentrated, diseases related to, *1977:* Feb., 52–53
versus breast feeding, *1977:* Feb., **17–36**
Fractures, bone imaging in, *1977:* Nov., 707–709
eye, *1975:* May, 509
hand, *1975:* May, 452–456; *1977:* Nov., 903–909
leg, in myelomeningocele, *1977:* Feb., 167
open, treatment of, *1975:* May, **465–476**
radiographic examination in, *1977:* Nov., 689–695
skull, *1975:* May, 319–320
sprains and, *1977:* Nov., **749–773**
supracondylar humeral, *1975:* May, **477–486**
Freiberg's infraction, *1977:* Nov., 820
Frejka splint, in congenital hip disease, *1977:* Nov., 869–870

GAIT, abnormal, *1977:* Nov., 723–730
angle of, in rotational deformities, *1977:* Nov., 802–805
Gallbladder, involvement in cystic fibrosis, *1975:* Nov., 802
Gangliosidosis, *1976:* May, 315–322
Gastroenteritis, viral, *1975:* Nov., **747–755**
Gastrointestinal tract. See also specific areas.
bleeding, *1975:* Nov., **885–895**
in cow's milk sensitivity, *1977:* Feb., 134
disease, symposium on, *1975:* Nov., **719–984**
masses, neonatal, *1977:* Aug., 569–577
trauma, *1975:* May, 367–371, 374–376
Gaucher's disease, *1976:* May, 309–314
Gender identity, in preschool children, *1975:* Aug., 646
Genetic defects, immunologic, *1977:* May, 281–285
Genetic risks, anticancer treatment and, *1976:* Feb., 236–237
Genetics, role in development of carcinoma, *1976:* Feb., 5–6
Genitalia, ambiguous, evaluation of newborn, *1976:* May, **361–370;** *1977:* Aug., 531–534
Genu valgum. See *Knock knees.*
Genu varum. See *Bowlegs.*
Gestation, multifetal, management of, *1977:* Aug., **481–490**
Glioma, brainstem, *1976:* Feb., 140–141
Glomerulonephritis, *1976:* Nov., **691–706**
acute poststreptococcal, *1976:* Nov., **751–759**
diffuse proliferative, *1976:* Nov., 737
membranoproliferative, renal transplant and, *1976:* Nov., 860–861
Glomerulonephritis (*Continued*)
systemic lupus erythematosus and, *1976:* Nov., 701–702
Glomerulopathy, epimembranous, *1976:* Nov., 700–701
Gluconeogenesis, renal sodium reabsorption and, *1976:* Nov., 634–635
Glucose, in asphyxiated neonates, *1976:* Aug., 388
sodium reabsorption and, *1976:* Nov., 629
Gluten sensitive enteropathy, *1975:* Nov., **767–785**
Graft-versus-host disease, in bone marrow transplantation, *1977:* May, 321–323
Gravity, effect on orthopedic development, *1977:* Nov., 681–682
Growing pains, *1977:* Nov., **731–736**
failure, in renal disease, *1976:* Nov., **885–894**
retardation, intrauterine, *1977:* Aug., **431–454**
Growth and development, effects of radiation therapy on, *1976:* Feb., 238–239
failure of, in inflammatory bowel disease, *1975:* Nov., 839–841
in cystic fibrosis, *1975:* Nov., 796–799
in congenital heart disease, *1977:* Feb., 157–160
standards for, *1977:* Feb., 260–263
Growth plate, injuries of, *1977:* Nov., 760–764

HAGEMAN factor, in coagulation, *1975:* May, 292–294
Hand, bone, nerve, and tendon injuries of, *1975:* May, **451–463**
burns of, *1975:* May, 447–448
fractures of, *1975:* May, 452–456; *1977:* Nov., 903–909
injuries of, *1977:* Nov., **903–918**
skin and soft tissue injuries of, *1975:* May, **443–449**
Handicapped child. See specific disorders.
Hay fever. See *Rhinitis, allergic.*
Head, closed injury of, treatment for, *1975:* May, 422–423
computed tomography of, in children, *1976:* Aug., **473–498**
injury, early management, *1975:* May, **425–431**
trauma, roentgenographic evaluation, *1975:* May, 302–303
therapeutic agents for, *1975:* May, 428–430
Headache, allergic basis, *1975:* Feb., 233
in diagnosis of brain tumor, *1976:* Feb., 134–135
migraine, in pediatric patients, *1976:* Aug., **461–471**
recurrent, psychosomatic, *1975:* Aug., 578
sinus, in children, *1976:* Aug., 467
Head banging, behavioral aspects, *1975:* Aug, 669
Heart. See also specific parts and disorders.
congenital disease of, DiGeorge syndrome and, *1977:* May, 296–298
congenital disease of, nutrition in, *1977:* Feb., **157–165**

Heart (*Continued*)
effect of cancer chemotherapy on, *1976:* Feb., 234
valves. See specific valves.
Height, measurement of, *1977:* Feb., 254
Hemangiomas, gastrointestinal bleeding and, *1975:* Nov., 890
neonatal, *1977:* Aug., 586–587
Hematobilia, traumatic, *1975:* May, 361–363
Hematomas, hepatic, *1975:* May, 358
subdural infantile, *1975:* May, **433–442**
subungual, *1977:* Nov., 916
Hematuria, proteinuria and, diagnosis and assessment, *1976:* Nov., **807–816**
recurrent, Berger's disease and, *1976:* Nov., 697–699
Hemiplegia, acute, in infancy and childhood, *1976:* Aug., **413–433**
Hemodialysis. See also *Dialysis.*
techniques for infants and children, *1976:* Nov., **843–856**
Hemolytic uremic syndrome, *1976:* Nov., **761–777**
Hemophilus influenzae, bacterial meningitis and, *1976:* Aug., 541
Hemorrhage, gastrointestinal, *1975:* Nov., **885–895**
in cow's milk sensitivity, *1977:* Feb., 134
liver disease and, *1975:* Nov., 922
radiology in, *1975:* Nov., 852
in abdominal trauma, *1975:* May, 324
in eye injury, *1975:* May, 507
intracranial, hypernatremia and, in infants, *1976:* Nov., 604
subdural and extradural, and cerebral edema, *1975:* May, 420
Henoch-Schönlein purpura, *1976:* Nov., 696–697
Henoch-Schönlein vasculitis, arthritis and, *1977:* Nov., 782–783
Heparin, in treatment of shock, *1975:* May, 296–298
with dialysis, *1976:* Nov., 852
Hepatitis, acute and chronic viral, *1975:* Nov., **943–961**
immunodeficiency syndromes and, *1975:* Nov., 620
Hepatomegaly, *1975:* Nov., **929–942**
Hepatorenal syndrome, *1975:* Nov., 918
Hereditary disorders. See also specific disorders.
Hermaphroditism, *1976:* May, 365–368
Hip, congenital disease of, in newborn, *1977:* Nov., 869–870
congenital dislocation of, *1977:* Nov., 668–670
orthopedic screening in, *1977:* Nov., **713–721**
radiographic examination of, *1977:* Nov., 687, 689
diseases of, *1977:* Nov., **857–870**
"painful," *1977:* Nov., 710
rotation, assessment and interpretation of, *1977:* Nov., 802–806
septic arthritis of, *1977:* Nov., 862–865
snapping, *1977:* Nov., 869
Histiocytosis X, bone scan in, *1976:* Feb., 41, 44–45
Hormone. See also specific hormones.
antidiuretic, inappropriate secretion of, *1976:* Nov., **681–690**
growth, renal disease and, *1976:* Nov., 890
therapy. See *Corticosteroids* and specific hormones.
Hospitalization, emotional response, *1975:* Aug., **583–593**
Host defense, disorders of. See also *Immunodeficiency disorders.*
disorders, cutaneous manifestations of, *1977:* May, **395–407**
neonatal, *1977:* May, **413–423**
Humerus, fractures of, *1977:* Nov., 767–768
supracondylar fractures of, *1975:* May, **477–486**
HUS. See *Hemolytic uremic syndrome.*
Hyaline membrane disease, neonatal, exchange transfusion in, *1977:* Aug., 599–601
premature rupture of membranes and, *1977:* Aug., 494–498
Hydantoins, in anticonvulsant therapy, *1976:* Aug., 447–449
Hydration, neonatal, assessment of, *1977:* Aug., 543–544
Hydrometrocolpos, neonatal, *1977:* Aug., 567–568
Hydronephrosis, neonatal, *1977:* Aug., 559–560
Hydroxyurea, in cancer chemotherapy, *1976:* Feb., 88–89
Hyperalimentation, parenteral. See *Parenteral nutrition.*
Hyperbilirubinemia, *1975:* Nov., 900
neonatal, management of, *1977:* Aug., **509–527**
Hypercalcemia, acute neonatal, *1976:* Nov., 613
Hypercoagulability, steroid treatment and, *1976:* Nov., 746
Hyperimmunoglobulinemia E syndrome, atopic dermatitis and, *1977:* May, 396–399
Hyperinflation, in status asthmaticus, *1976:* May, 264–266
Hyperkalemia, in chronic renal insufficiency, *1976:* Nov., 831–832
Hyperlipidemia, corticosteroid-induced, in renal allograft recipient, *1976:* Nov., 866–867
Hypermagnesemia, neonatal, placental drug transfer and, *1976:* Nov., 602–603
Hypernatremia, management of, *1976:* Aug., 569–574
Hyperplasia, congenital adrenal, *1977:* Aug., 531–534
nodular lymphoid, in immunodeficiency syndromes, *1975:* Nov., 814
Hyperpyrexia, malignant, in pediatric anesthesia, *1976:* May, 354–356
Hyperreactivity, airway, in asthmatic children, *1976:* May, 253, 270–274
Hypertension, intracranial, *1975:* May, 426–427

Hypertension (*Continued*)
in renal allograft recipient, *1976:* Nov., 863
maternal, fetal deformation and, *1977:* Nov., 666
portal, in liver disease, *1975:* Nov., 913
renal disease and, *1976:* Nov., 795–805
specific therapeutic agents and their effects, *1976:* Nov., 898–899
renal insufficiency and, *1976:* Nov., 713, 716–717
Hyperthyroidism, neurological aspects of, *1976:* Aug., 575–581
Hypocalcemia, DiGeorge syndrome and, *1977:* May, 296
early neonatal, *1976:* Nov., 612–613
neonatal, *1977:* Feb., 52
Hypocomplementemia, membranoproliferative nephritis and, *1976:* Nov., 699
Hyponatremia, in inappropriate antidiuretic hormone secretion, *1976:* Nov., 685
neonatal, placental drug transfer and, *1976:* Nov., 602
Hypoparathyroidism, immunodeficiency with, *1977:* May, 296–298
Hypotension, in very small premature infants, *1977:* Aug., 621–623
Hypothermia, in very small premature infants, *1977:* Aug., 621
Hypothyroidism, congenital dystrophic, *1977:* Aug., 529–531
neurological aspects of, *1976:* Aug., 582–590

ICHTHYOSIS, hyperimmunoglobulinemia E syndrome and, *1977:* May, 397
IgA deficiency, *1975:* Nov., 741
malabsorption syndrome and, *1975:* Nov., 813
Iminostilbenes, in anticonvulsant therapy, *1976:* Aug., 451–452
Imipramine, for enuresis, *1975:* Aug., 554
Immune defenses, malnutrition and, *1977:* Feb., 245
Immune serum globulin (ISG), for immunodeficiency, *1977:* May, 288, 314
Immune system, disorders. See Immunodeficiency disorders.
in kidney disease, *1976:* Nov., 691–693
Immunity, antibody- and cell-mediated, laboratory diagnosis of, *1977:* May, **329–339**
humoral, primary deficiencies in, *1977:* May, **277–291**
Immunodeficiency disorders, cutaneous manifestations of, *1977:* May, **395–407**
gastrointestinal disease and, *1975:* Nov., 807–825
laboratory diagnosis of, *1977:* May, **329–339**
severe combined, *1977:* May, 308–311
bone marrow transplant for, *1977:* May, 310, 316–324
therapy for, *1977:* May, **313–328**
T cell and T-B cell, *1977:* May, **293–311**
Immunoglobulin(s), deficiency, liver disease and, *1975:* Nov., 903

Immunoglobulin(s) (*Continued*)
properties and functions of, *1977:* May, **277–291**
Immunoglobulin E., discovery and measurement of, *1975:* Feb., **3–15**
fetal synthesis, *1975:* Feb., 22
genetic and developmental aspects, *1975:* Feb., **17–32**
Immunology, in childhood neoplasia, *1976:* Feb., **93–109**
role of human milk in, *1977:* May, 418–420
symposium on, *1977:* May, **275–423**
Immunoreconstitution, *1977:* May, **313–328**
Immunosuppressive drugs, for allergy, rationale, *1975:* Feb., 104
Immunotherapy, for allergy, rationale, *1975:* Feb., 103, **239–249**
in acute leukemias, *1976:* Feb., 98–102
Incest, *1975:* Aug., **633–642**
Incontinentia pigmenti, in host defense defects, *1977:* May, 404
Infant(s). See also *Children; Newborn; Premature infants.*
commercial foods for, content and composition, *1977:* Feb., **37–47**
fat absorption in, *1975:* Nov., 726–728
feeding practices in, associated diseases, *1977:* Feb., **49–61**
hospitalization of, preparation for, *1975:* Aug., 584
low birth weight, fluid maintenance in, *1976:* Nov., 603
nutritional status in U.S., *1977:* Feb., **211–227**
obesity in, *1977:* Feb., **107–115**
premature, aminoacidemia in, *1977:* Feb., 50
RDA for, evaluation of, *1977:* Feb., **1–16**
very small premature, care of, *1977:* Aug., **619–632**
Infarctions, watershed, cerebral, *1976:* Aug., 392–393
Infection, allergy and, *1977:* May, **409–412**
arthritis related to, *1977:* Nov., 783–786
bacterial. See *Bacterial infection*, and specific types.
bone and joint, arthritis and, *1977:* Nov., **775–790**
carcinoma and, *1976:* Feb., 228–230
glomerulonephritis and, *1976:* Nov., 751
hemiplegia and, *1976:* Aug., 415
in breast-fed vs. bottle-fed infants, *1977:* May, 418
in very small premature infants, *1977:* Aug., 628
nephrotic syndrome with, *1976:* Nov., 746
nutrition and, *1977:* Feb., **241–252**
recurrent, symposium on, *1977:* May, **275–423**
viral, arthritis and, *1977:* Nov., 785
Infectious diseases, complement-associated, *1977:* May, 351–360
Inflammation, radionuclide bone imaging in detection of, *1977:* Nov., 704–707
Inflammatory bowel disease, *1975:* Nov., 739, **835–850**

Insecticides, in food, *1977:* Feb., 177–180
Insect stings, allergy to, *1975:* Feb., **185–192**
hyposensitization for, *1975:* Feb., 242
Insensible water loss (IWL), neonatal, *1976:* Nov., 603
in low birth weight infants, *1977:* Aug., 539–542
in very small premature infants, *1977:* Aug., 623–624
Intestine(s), antigen absorption from, *1975:* Nov., **731–746**
disaccharidase deficiencies in, *1975:* Nov., **757–766**
disorders, in cystic fibrosis, *1975:* Nov., **787–805**
in protein-calorie malnutrition, *1975:* Nov., **873–883**
radiology in, *1975:* Nov., **851–871**
fat absorption in, *1975:* Nov., **721–730**
immunodeficiency disorders and, *1975:* Nov., **807–825**
inflammatory disease, *1975:* Nov., 739, **835–850**
Intoeing, clinical evaluation and management of, *1977:* Nov., **789–812**
corrective shoes for, *1977:* Nov., 796
Intoxication, drug, local anesthetics in, *1976:* Aug., **399–411**
Intrauterine growth retardation, *1977:* Aug., **431–454**
Intravenous alimentation. See *Parenteral nutrition.*
Intravenous pyelogram, in renal injuries, *1975:* May, 381–382
Intussusception, cystic fibrosis and, *1975:* Nov., 794
gastrointestinal bleeding and, *1975:* Nov., 887
Iron, deficiency, in infancy and childhood, *1977:* Feb., **85–94**, 221
recommended intakes in infants, *1977:* Feb., 9
Ischemia, perinatal brain injury and, *1976:* Aug., **383–397**
Isoproterenol, for allergy, biochemical basis, *1975:* Feb., 111
for status asthmaticus, *1975:* Feb., 168

JAUNDICE, anesthesia and, *1976:* May, 346
breast milk, *1977:* Aug., 514
hepatomegaly and, *1975:* Nov., 934
Job syndrome, *1977:* May, 397
Joint, aspiration of, limping and, *1977:* Nov., 729–730
infections of, arthritis and, *1977:* Nov., **775–790**
Juvenile delinquency, *1975:* Aug., **673–684**
Juvenile rheumatoid arthritis, *1977:* Nov., 776–783

KAYSER-Fleischer rings, in Wilson's disease, *1975:* Nov., 967
Ketogenic diet, in minor motor seizures, *1976:* Aug., 440–441
Kidney(s). See also *Renal.*
cystic diseases of, neonatal, *1977:* Aug., 560–561
disease, growth failure in, *1976:* Nov., **885–894**
proteinuria and hematuria in, *1976:* Nov., **806–817**
symposium on, *1976:* Nov., **601–905**
failure, acute, *1976:* Nov., **817–828**
chronic, *1976:* Nov., **829–842**
function, laboratory evaluation, *1976:* Nov., **661–679**
injuries, *1975:* May, **379–391**
neonatal, function of, *1976:* Nov., **651–659**
transplant, current issues, *1976:* Nov., **857–872**
for cystinosis, *1976:* Nov., 789
growth after, *1976:* Nov., 890–891
trauma, *1975:* May, 313–314
tumors, neonatal, *1977:* Aug., 588–589
Klippel-Feil syndrome, *1977:* Nov., 896–897
Knee, cysts of, *1977:* Nov., 855
congenital deformities of, *1977:* Nov., 670–671
dislocation of, *1977:* Nov., 848–849
fractures of, *1977:* Nov., 771–772
frontal plane deformities of, *1977:* Nov., 679–680
knock, causes of, *1977:* Nov., **825–839**
corrective shoes for, *1977:* Nov., 796
osteochondral fractures of, *1977:* Nov., 767
problems of, *1977:* Nov., **841–855**
subluxation of, *1977:* Nov., 847–848
Knock knees, causes of, *1977:* Nov., **825–839**
corrective shoes for, *1977:* Nov., 796
Kohler's disease, *1977:* Nov., 820
Krabbe's disease, *1976:* May, 305–307
Kwashiorkor, gastrointestinal changes in, *1975:* Nov., 875–878
Kyphosis, and spinal injury, *1975:* May, 497
lordosis and, *1977:* Nov., 871–873

LABORATORY studies, of nutritional status, *1977:* Feb., 263
Laboratory tests, as screening procedures, in renal function, *1976:* Nov., **661–679**
Lactase deficiency, *1975:* Nov., 761
cystic fibrosis and, *1975:* Nov., 793
Lactate solution, Ringer's, for burns, *1975:* May, 409
for shock, *1975:* May, 269–271
Lactic acid, sodium reabsorption and, *1976:* Nov., 628–629
L-asparaginase, in cancer chemotherapy, *1976:* Feb., 90
Lasts, in corrective shoes, *1977:* Nov., 794–795
Latency child, sexual problems in, *1975:* Aug., 646
Law, child abuse and, *1975:* Aug., 708
"Lazy leukocyte syndrome," *1977:* May, 385, 403

Learning problems, allergic basis, *1975:* Feb., 235
hemiplegia and, *1976:* Aug., 422
Leg aches, *1977:* Nov., **731–736**
Leg fractures, in myelomeningocele, *1977:* Feb., 167
Leg lengths, discrepancy in, limping and, *1977:* Nov., 728
Legg-Calvé-Perthes disease, *1977:* Nov., 859–862
Legg-Perthes disease, bone imaging in, *1977:* Nov., 709–710
Legs, bow, causes of, *1977:* Nov., **825–839**
corrective shoes for, *1977:* Nov., 796
Leiner's disease, *1975:* Feb., 208
seborrheic dermatitis in, *1977:* May, 400
Lesions, traumatic, in spinal injury, *1975:* May, 491, 495
Leukemia, acute, immunology of, *1976:* Feb., 98
treatment of, *1976:* Feb., **117–130**
acute lymphocytic, immunotherapy of, *1976:* Feb., 99–101
acute myelogenous, immunotherapy of, *1976:* Feb., 101–102
classification of, *1976:* Feb., 61
congenital, *1977:* Aug., 592, 594
immunologic classification of, *1976:* Feb., 105
meningeal, preventive treatment of, *1976:* Feb., 120
Leukocyte, chemotaxis, disorders of, *1977:* May, **377–393**
histamine release test, for IgE antibodies, *1975:* Feb., 5
Leukodystrophy, *1976:* May, 304–309
Leukomalacia, periventricular, *1976:* Aug., 393–396
Lidocaine, neonatal depression and, *1976:* Aug., 403
Life plan, for child with chronic disease, *1975:* Aug., 526
Limbs, lower, discomfort in, *1977:* Nov., **731–736**
Limp, *1977:* Nov., **723–730**
transient synovitis and, *1977:* Nov., 858–860
Lipidoses, cerebral, *1976:* May, **303–326**
Lipid(s), absorption, in fetus and newborn, *1975:* Nov., 722
Lithium carbonate, in treatment of inappropriate antidiuretic hormone secretion, *1976:* Nov., 688
Liver, disease, gastrointestinal disease and, symposium on, *1975:* Nov., **719–984**
Wilson's, *1975:* Nov., **963–984**
enlarged, *1975:* Nov., **929–942**
function, clinical and physiological abnormalities, *1975:* Nov., 897–928
metastases to, in Wilms' tumor, *1976:* Feb., 157–158
scan, radionuclide angiogram and, *1976:* Feb., 46, 51–52
toxicity, cancer chemotherapy and, *1976:* Feb., 233
trauma, *1975:* May, 310, 324–325, 356–364
tumors, neonatal, *1977:* Aug., 566–567
Lordosis, kyphosis and, *1977:* Nov., 871–873
lumbar, and spinal injury, *1975:* May, 498
Lung, metastases to, in Wilms' tumor, *1976:* Feb., 157
testing, in asthmatic children, *1976:* May, **249–278**
toxicity, cancer chemotherapy and, *1976:* Feb., 234
Lupus. See *Systemic lupus erythematosus.*
Lymphangiomas, neonatal, *1977:* Aug., 587–588
Lymphocytes, morphology of, *1976:* Feb., 59–60
Lymphoma, classification of, *1976:* Feb., 61
non-Hodgkin's, in children, *1976:* May, **371–378**

MACROBIOTIC diets, Zen, *1977:* Feb., 196
Macrophage defect, in Wiskott-Aldrich syndrome, *1977:* May, 302
Magnesium, calcium and, effects on infant and maternal hypomagnesemia, *1976:* Nov., 615–616
recommended intakes in infants, *1977:* Feb., 9
Malabsorption syndromes, *1975:* Nov., 728
Mallet finger deformities, *1977:* Nov., 907–908
Malnutrition, caloric, renal disease and, *1976:* Nov., 887–888
gastrointestinal changes in, *1975:* Nov., **873–883**
immune defenses and, *1977:* Feb., 245
infection and, *1977:* Feb., **241–252**
protein-calorie, gastrointestinal changes in, *1975:* Nov., **873–883**
in infants, *1977:* Feb., 55
Mannitol test, in acute renal failure, *1976:* Nov., 819–820
Marasmus, infantile, *1977:* Feb., 56–57
Masturbation, in preschool children, *1975:* Aug., 644
McMurrary test, in detection of meniscal patellar disorders, *1977:* Nov., 851–852
Meckel's diverticulum, gastrointestinal bleeding and, *1975:* Nov., 853
Meconium aspiration syndrome, *1977:* Aug., **463–479**
Meconium ileus, *1974:* May, 368
cystic fibrosis and, *1975:* Nov., 788
neonatal, *1977:* Aug., 573–574
Medulloblastoma, *1976:* Feb., 138–140
Melituria, *1976:* Nov., 670–671
Membranes, premature rupture of, effect on neonate, *1977:* Aug., **491–500**
Meningitis, bacterial, *1976:* Aug., **541–556**
inappropriate antidiuretic hormone secretion and, *1976:* Nov., 683–684
Meningomyelocele, treatment of children with, *1976:* Aug., **517–526**
Menisci, patellar, injuries of, *1977:* Nov., 849–852
Mental retardation, management of children and families, *1975:* Aug., **561–570**
minor motor seizures and, *1976:* Aug., 437–438

Mepivacaine, toxicity of, *1976:* Aug., 401, 402
Metabolic bone disease, radiographic examination of, *1977:* Nov., 695, 697
Metals, trace, deficiencies of, in pediatric nutrition, *1977:* Feb., **95–106**
Metastases, from bone sarcomas, screening for, *1976:* Feb., 41–46
Metatarsus adductus, *1977:* Nov., 807–808
congenital, *1977:* Nov., 671–672
Methotrexate, in cancer chemotherapy, *1976:* Feb., 85–86
Micelles, bile acid, in fat absorption, *1975:* Nov., 723
Microaggregation, intravascular, and respiratory distress syndromes, *1975:* May, **275–287**
Microembolism, pulmonary, and intravascular microaggregation, *1975:* May, 278–279
Migraine headache, and migraine variants, *1976:* Aug., **461–471**
Milk, cow's, allergy to, *1975:* Nov., 779, **827–833**
sensitivity to, *1977:* Feb., **133–139**
human, role in immunology, *1977:* May, 418–420
human and cow's, nutrient content of, *1977:* Feb., 20–27
proprietary vs. breast, in infant feeding, *1977:* Feb., **17–36**
Miller Amendment, *1977:* Feb., 177
Milwaukee brace, for scoliosis, *1977:* Nov., 878–879
Minerals, deficiencies of, *1977:* Feb., 51–52
neonatal requirement of, *1977:* Aug., 551
recommended intakes in infants, *1977:* Feb., 9–10
Mithramycin, in cancer chemotherapy, *1976:* Feb., 84
Monteggia fracture-dislocation, *1977:* Nov., 752–753, 770
Mothering disabilities, *1975:* Aug., 573
Motor function, abnormalities of, hemiplegia and, *1976:* Aug., 419–420
Motor seizures, minor, diagnosis and treatment of, *1976:* Aug., **435–442**
Multifetal gestation, management of, *1977:* Aug., **481–490**
Multimodal therapy, in malignant tumors, *1976:* Feb., 73–75, **111–115**
Muscle(s), disorders, thyroid dysfunction and, *1976:* Aug., **575–594**
imbalance, in orthopedic deformities, *1977:* Nov., 680–681
relaxants, in infants, *1976:* May, 349–351
Musculoskeletal symptoms, allergic basis, *1975:* Feb., 233
Musculoskeletal system, congenital deformities of, *1977:* Nov., **665–677**
Myasthenia gravis, thyrotoxicosis with, *1976:* Aug., 579
Myelomeningocele, nutrition in, *1977:* Feb., **165–174**
Myoclonic seizures, *1976:* Aug., 435–440
Myoglobinuria, rhabdomyolysis and, in childhood, *1976:* May, **279–301**
Myopathy, chronic thyrotoxic, *1976:* Aug., 578
NAILBED, injuries of, *1977:* Nov., 916
Narcotics. See specific drugs.
Neck, shoulder and, orthopedic problems of, *1977:* Nov., **889–902**
wry, in newborn, *1977:* Nov., 673, 676
Necrosis, aseptic, corticosteroids and, *1976:* Nov., 864–866
neuronal, hypoxic-ischemic encephalopathy and, *1976:* Aug., 390
Necrotizing enterocolitis, in very small premature infants, *1977:* Aug., 628–629
neonatal, *1977:* Aug., 574–575
hematologic abnormalities in, *1977:* Aug., **579–584**
Neglect, child, *1975:* May, **329–339**
Neisseria meningitidis, bacterial meningitis and, *1976:* Aug., 541
Neonate. See *Newborn.*
Neoplasms. See also *Carcinoma; Tumors;* and specific organs or regions.
anomalies and, congenital, *1977:* Aug., 593
role of immune system against, *1977:* May, 387–388
Nephritis, anaphylactoid, *1976:* Nov., 696–697
Nephrocalcinosis, therapy for, *1976:* Nov., 900–902
Nephrology, pediatric, symposium on, *1976:* Nov., **601–905**
Nephroma, congenital mesoblastic, *1977:* Aug., 588–589
Nephropathic syndromes, in childhood, *1976:* Nov., **691–706**
Nephrotic syndrome, management in children, *1976:* Nov., **735–750**
recurrent skin abscesses in, *1977:* May, 399
renal transplant and, *1976:* Nov., 861–862
Nerve(s). See also specific nerves.
of hand, injuries to, *1975:* May, **451–463**
Nervous system, disorders, enuresis and, *1975:* Aug., 547
Neuroblastoma, bone scan in, *1976:* Feb., 46–47
diagnosis and treatment of, *1976:* Feb., **161–170**
immunology and immunotherapy of, *1976:* Feb., 102–104
neonatal, *1977:* Aug., 589–592
abdominal, *1977:* Aug., 563–564
Neurocutaneous syndromes, in children, *1976:* Aug., **499–516**
Neurofibromatosis, *1976:* Aug., 505–509
Neurology, pediatric, symposium on, *1976:* Aug., **381–597**
Neuropathy, peripheral, hypothyroidism and, *1976:* Aug., 582
Neuropraxia, *1975:* May, 458–459
Neuroradiology, in diagnosis of brain tumor, *1976:* Feb., 136
in pediatric oncology, *1976:* Feb., 29–39
Neurotic delinquency, *1975:* Aug., 678
Neurotmesis, *1975:* May, 459
Newborn. See also *Children; Infants; Premature infants.*
anticipatory guidance for, *1975:* Aug., 535

Newborn (*Continued*)
congenital defects in, *1977:* Nov., 665–677
congenital hip disease in, *1977:* Nov., 869–870
examination of, position of comfort and, *1977:* Nov., 666–667, 672
host defenses in, *1977:* May, **413–423**
respiratory disorders. See specific disorders.
symposium on, *1977:* Aug., **427–657**
very small premature, care of, *1977:* Aug., **619–632**
Nezelof syndrome, *1977:* May, 300–301
Niemann-Pick disease, *1976:* May, 309–314
Non-Hodgkin's lymphoma, in children, *1976:* May, **371–378**
Nuclear medicine, in pediatric neoplasia, *1976:* Feb., **41–53**
Nudity, inappropriate, in preschool children, *1975:* Aug., 644
"Nursing bottle" caries, *1977:* Feb., 53–54, 147–148
Nutrition, assessment of, office, *1977:* Feb., **253–272**
in patients with carcinoma, *1976:* Feb., 220–221
maternal, low birth weight infants and, *1977:* Aug., 437
status in U.S. children, *1977:* Feb., **211–227**
suboptimal, long-term consequences of, *1977:* Feb., **63–70**
symposium on, *1977:* Feb., **1–272**

OBESITY, adolescent, *1977:* Feb., **123–132**
effect on skeletal development, *1977:* Nov., 682
infantile, *1977:* Feb., **107–115**
methods of feeding and, *1977:* Feb., 56
in preschool and school-age children, *1977:* Feb., **117–122**
myelomeningocele and, *1977:* Feb., 165–167
Obstruction, airway, *1976:* May, 254–259
intestinal, cow's milk formulas and, *1977:* Feb., 54
cystic fibrosis and, *1975:* Nov., 789
radiology in, *1975:* Nov., 861–864
Occipitocervical joint, congenital anomalies of, *1977:* Nov., 893–896
Occlusion, renal arterial, *1975:* May, 386–390
Odontoid, congenital anomalies of, *1977:* Nov., 894–895
Oligohydramnios, compressed face and, *1977:* Nov., 672–674
typical patterns of deformation and, *1977:* Nov., 667–669, 674
Oliguria, neonatal, pathogenesis of, *1977:* Aug., 607–609
Oncology, neonatal, *1977:* Aug., **585–598**
pediatric, diagnostic methods in, *1976:* Feb., **55–65**
radionuclide bone imaging in, *1977:* Nov., 702–704
symposium on, *1976:* Feb., **1–244**
Ophthalmoplegia, exophthalmic, hyperthyroidism and, *1976:* Aug., 579
Orthopedic problems, common, symposium on, *1977:* Nov., **663–918**
Orthopedic screening, especially for congenital dislocation of hip and spinal deformity, *1977:* Nov., **713–721**
Osgood-Schlatter disease, *1977:* Nov., 845
Osteoblastoma, *1977:* Nov., 884
Osteochondritis dissecans, *1977:* Nov., 853–855
Osteodystrophy, renal, *1976:* Nov., **873–884**
Osteogenic sarcoma, *1976:* Feb., 201–210
Osteoma, osteoid, *1977:* Nov., 884
Osteomyelitis, acute, radiographic examination in, *1977:* Nov., 689
arthritis and, *1977:* Nov., 787–789
foot pain and, *1977:* Nov., 820–821
radionuclide bone imaging in differentiation of, *1977:* Nov., 704–707
Osteotomy, derotational femoral, indications for, *1977:* Nov., 611
tibial, *1977:* Nov., 838
Otitis media, secretory, allergy and, *1975:* Feb., **251–257, 259–264**
Ovary, tumors of, in infancy and childhood, *1977:* Aug., 569
Overnutrition. See *Obesity*.
Overprotection and overindulgence, in mental retardation, *1975:* Aug., 565
Overuse syndromes, orthopedic, in athletes, *1977:* Nov., 745–747
Oxytocin, inappropriate antidiuretic hormone secretion and, *1976:* Nov., 684
maternal, neonatal jaundice and, *1977:* Aug., 515

PAINS, abdominal, recurrent, allergic basis, *1975:* Feb., 232
growing, *1977:* Nov., **731–736**
Pancreas, and gastrointestinal tract, trauma to, *1975:* May, **365–377**
congenital cysts of, *1977:* Aug., 572–573
cystic fibrosis and, *1975:* Nov., 791
Parasites, intestinal, nutritional status and, *1977:* Feb., 244
Parathyroid hormone, calcium and, neonatal disorders associated with, *1976:* Nov., 618–619
"Parentectomy," for asthma, *1975:* Feb., **173–183**
Parenteral nutrition, in neonatal fluid and electrolyte disorders, *1976:* Nov., 606–607
neonatal, *1977:* Aug., **547–556**
Parkland's formula, fluid replacement in burn patients, *1975:* May, 409–410
Pavlik harness, in congenital hip disease, *1977:* Nov., 869–870
Pectoralis, congenital absence of, *1977:* Nov., 901
Perineum, and urethra, injuries to, *1975:* May, **401–406**
Persistent ductus arteriosus, in very small premature infants, *1977:* Aug., 628–629
Pesticides, in food, *1977:* Feb., 177–180

Petit mal seizures, atypical, *1976:* Aug., 435–440
Phagocytes, molecular basis for defective function of, *1977:* May, 370–373
functions of, *1977:* May, 415–417
Phalanx, distal, fractures of, *1977:* Nov., 915–916
proximal or middle, fracture of, *1977:* Nov., 908–909
Phenazopyridine hydrochloride (Pyridium), in treatment of dysuria, *1976:* Nov., 728
Phenobarbital, in anticonvulsant therapy, *1976:* Aug., 444–446
in neonatal jaundice, *1977:* Aug., 511–513
Phenytoin, in anticonvulsant therapy, *1976:* Aug., 447–449
Phosphates, dental caries and, *1977:* Feb., 152
Phosphorus, depletion of, neonatal syndromes related to, *1976:* Nov., 614–615
recommended intakes in infants, *1977:* Feb., 9
Photophobia, in benign cystinosis, *1976:* Nov., 780, 782
Phototherapy, in neonatal hyperbilirubinemia, *1977:* Aug., 518–525
insensible water loss and, in neonates, *1977:* Aug., 541
Physical examination, pre-season, for athletes, *1977:* Nov., 739–742
Pigmenturias, physical and biochemical features of, *1976:* May, 281
Plasma, for immunodeficiency, *1977:* May, 314–315
Platelet transfusion, in children with carcinoma, *1976:* Feb., 218–219
Poisoning, local anesthetic, in neonates, *1976:* Aug., **399–411**
Polyps, gastrointestinal bleeding and, *1975:* Nov., 889
Porencephaly, on CAT scan, *1976:* Aug., 478
Positioning, chronic, in development of deformities, *1977:* Nov., 681
Posterior fossa tumors, *1976:* Feb., 137–142
Poverty, child abuse and, *1975:* Aug., 699
Prednisone, for nephrotic syndrome, *1976:* Nov., 742
Pregnancy, multiple, management of, *1977:* Aug., **481–490**
Premature infants. See *Newborn.*
Premature rupture of membranes, *1977:* Aug., **491–500**
Prematurity, behavioral aspects, *1975:* Aug., 574
Prenatal care, anticipatory guidance in, *1975:* Aug., 534
Primidone, in anticonvulsant therapy, *1976:* Aug., 446–447
Procarbazine, in cancer chemotherapy, *1976:* Feb., 90
Prostaglandin E_2, maternal, neonatal jaundice and, *1977:* Aug., 515
Prostaglandins, for allergy, biochemical basis, *1975:* Feb., 114
Protein-calorie malnutrition, gastrointestinal changes in, *1975:* Nov., **873–883**
in host defense defects, *1977:* May, 404
Protein(s), from vegetables, *1977:* Feb., 204
recommended intake in infants, *1977:* Feb., 5, 11–12; Aug., 550–551
synthesis, function of liver in, *1975:* Nov., 901
Proteinuria, hematuria and, diagnosis and assessment, *1976:* Nov., **807–816**
screening for, *1976:* Nov., 667–668
Prune belly syndrome, neonatal, *1977:* 565–566
Pseudocysts, in pancreatic injuries, *1975:* May, 372–374
Pseudohermaphroditism, male and female, in newborn, *1976:* May, 366
Psoriasis, arthritis and, *1977:* Nov., 783
Psychiatry, behavioral pediatrics and, *1975:* Aug., 522
Psychological support, for children with carcinoma, *1976:* Feb., 221–223
Psychopathic personality, delinquency and, *1975:* Aug., 676
Psychosocial problems, in childhood, *1975:* Aug., 577–580
in infancy, *1975:* Aug., 572–577
Psychosomatic disorders, *1975:* Aug., 577
Psychotherapy, for enuresis, *1975:* Aug., 556
Puberty, precocious, *1975:* Aug., 646
Pulmonary function testing, in asthmatic children, *1976:* May, **249–278**
Pyelonephritis, bacterial, vesicoureteral reflux and, *1976:* Nov., 712–713
Pyridoxine, in aminoacidopathies, *1976:* Aug., 559
Pyuria, in urinary tract infection, *1976:* Nov., 725

QUADRICEPS, contusions of, in athletes, *1977:* Nov., 744

RADIANT heat warmers, insensible water loss and, *1977:* Aug., 540–541
Radiation therapy, oncogenic potential of, *1976:* Feb., 237–238
Radioallergosorbent test (RAST), for IgE antibodies, *1975:* Feb., 6
for immediate type respiratory allergy, *1975:* Feb., 36
Radiographs, in diagnosis of back pain, *1977:* Nov., 887
in specific skeletal abnormalities, *1977:* Nov., **685–699**
Radiology, gastrointestinal, *1975:* Nov., **851–871**
in liver disease, *1975:* Nov., 912
Radionuclide bone imaging, *1977:* Nov., **701–712**
Radionuclide skeletal survey, in screening for bone metastases, *1976:* Feb., 41–46
Radiopharmaceuticals, bone scanning, in detection of skeletal abnormalities, *1976:* Feb., **41–53**
Recommended Dietary Allowances (RDA) for infants, assessment of, *1977:* Feb., **1–16**

Rectum, traumatic lesions of, *1975:* May, 325–326
Regionalization of perinatal care, *1977:* Aug., **651–657**
Rehydration volumes, in hypernatremia, *1976:* Aug., 571
Reiter's syndrome, psoriatic arthritis and, *1977:* Nov., 783
Renal. See also *Kidney(s).*
Renal biopsy, technique and indications for, *1976:* Nov., 903–905
Renal disease, growth failure in, *1976:* Nov., **885–894**
Renal failure, acute, *1976:* Nov., **817–828**
neonatal, *1977:* Aug., **605–618**
chronic, *1976:* Nov., **829–842**
uremia and, *1976:* Nov., 835–840
Renal function, neonatal, *1976:* Nov., **651–659**
pediatric, laboratory evaluation of, *1976:* Nov., **661–679**
substrate metabolism and, *1976:* Nov., **627–637**
Renal hypertension, *1976:* Nov., **795–805**
Renal masses, neonatal, *1977:* Aug., 557–563
Renal osteodystrophy, *1976:* Nov., **873–884**
growth failure and, *1976:* Nov., 888–889
Renal parenchymal disease, hypertension and, *1976:* Nov., 800
Renal transplantation, current issues, *1976:* Nov., **857–872**
for cystinosis, *1976:* Nov., 789
growth after, *1976:* Nov., 890–891
Resorcinols, for bronchodilation, *1975:* Feb., 132
Respiration. See also *Ventilation.*
upper gastrointestinal tract and, *1975:* Nov., 853
failure, and status asthmaticus, treatment, *1975:* Feb., **163–171**
support, in very small premature infants, *1977:* Aug., 625–627
Respiratory distress syndromes, intravascular microaggregation and, *1975:* May, **275–287**
protocol for immediate management, *1977:* Aug., 506–507
Retardation, developmental, early recognition of infants at risk for, *1977:* Aug., **633–637**
mental. See *Mental retardation.*
Retinal phakoma, in tuberous sclerosis, *1976:* Aug., 503
Reye's syndrome, *1976:* Aug., **527–540**
Rhabdomyolysis, and myoglobinuria, in childhood, *1976:* May, **279–301**
Rheumatic fever, arthritis and, *1977:* Nov., 781–782
Rheumatoid arthritis, juvenile, *1977:* Nov., 776–783
Rhinitis, allergic, antihistamines for, *1975:* Feb., 159
hyposensitization for, *1975:* Feb., 243
Ribs, injuries of, in athletes, *1977:* Nov., 744
Rickets, *1977:* Nov., 834–838
congenital, maternal vitamin D deficiency and, *1976:* Nov., 620
Rickets (*Continued*)
cystinosis and, *1976:* Nov., 780
differential diagnosis of, *1976:* Nov., 895–896
growth failure in renal disease and, *1976:* Nov., 888–889
Ringer's lactate solution, for burns, *1975:* May, 409
for shock, *1975:* May 269–271
Roentgen studies, of nutritional status, *1977:* Feb., 263
Rotatory deformities, *1977:* Nov., 679

SALIGENINS, for bronchodilation, *1975:* Feb., 133
Saline, solutions of, in resuscitation of shock, *1975:* May, 269–272
Salter classification, of epiphyseal injuries, *1975:* May, 469–471
Sarcoma, bone, metastases from, screening for, *1976:* Feb., 41–46
Ewing's, *1976:* Feb., 184–201
osteogenic, *1976:* Feb., 201–210
soft tissue, treatment of, *1976:* Feb., **171–181**
Scanning, bone, *1977:* Nov., **701–712**
in pediatric neoplasia, *1976:* Feb., **41–53**
isotopic, of brain, *1975:* May, 421–422
radionucleotide, in diagnosis of brain tumor, *1976:* Feb., 136
renal, *1975:* May, 382
tomographic, of head, *1976:* Aug., **473–498**
Scaphocephaly, breech presentation and, *1977:* Nov., 675
Scapula, congenital elevation of, *1977:* Nov., 900
Scheuermann's disease, *1977:* Nov., 883–884
School, role in screening for spinal deformities, *1977:* Nov., 716–719
School phobia, *1975:* Aug., 605–617
Scleroderma, arthritis and, *1977:* Nov., 783
Scoliosis, and spinal injury, *1975:* May, 496–497
congenital, screening in, *1977:* Nov., 716–719
evaluation and treatment of, *1977:* Nov., 873–880
Screening, for developmental retardation, *1977:* Aug., 636
urine, for proteinuria and hematuria, *1976:* Nov., **817–828**
for urinary tract infection, *1976:* Nov., 722–726
Seborrheic dermatitis, *1975:* Feb., 206
host defense defects and, *1977:* May, 400–401
Seizures. See also *Epilepsy.*
anticonvulsant drugs in, *1976:* Aug., **443–459**
asthma and, *1975:* Feb., **89–100**
minor motor, diagnosis and treatment, *1976:* Aug., **435–442**
Sephadex gel filtration test, in detection of neonatal hyperbilirubinemia, *1977:* Aug., 516–517

Serum osmolality, calculation of, in hypernatremia, *1976:* Aug., 571
Severe combined immunodeficiency, *1977:* May, 308–311, **313–328**
Sexual abuse, *1975:* Aug., **633–642**
Sexual ambiguity, evaluation in newborn, *1976:* May, **361–370;** *1977:* 531–534
Sexual curiosity, in preschool children, *1975:* Aug., 645
Sexual development. See also *Puberty.*
Sexual preoccupations, in latency children, *1975:* Aug., 647
Sexual problems, behavioral aspects, *1975:* Aug., **643–652**
preschool children, *1975:* Aug., 643
Shock, traumatic, *1975:* May, 269–274
Shock lung, hemorrhagic trauma and, *1975:* May, 271–272
Shoes, "corrective," *1977:* Nov., 815
ill fitting, foot pain and, *1977:* Nov., 815
pressure sores resulting from, *1977:* Nov., 815–816
selection and correction of, *1977:* Nov., **791–797**
Shoulder, fractures of, *1977:* Nov., 767
neck and, orthopedic problems, *1977:* Nov., **889–902**
Siblings, child abuse and, *1975:* Aug., 701
incest in, *1975:* Aug., 634
mental retardation and, *1975:* Aug., 567
Sickle cell disease, enuresis and, *1975:* Aug., 547
Skeleton, anomalies of, radiographic examination in, *1977:* Nov., **685–699**
development of, effect of obesity on, *1977:* Nov., 682
trauma, roentgenographic evaluation of, *1975:* May, 302–305
Skin, abscesses, recurrent, nephrotic syndrome and, *1977:* May, 399
allergic lesions. See *Dermatitis.*
disorders, immunodeficiency and, *1977:* May, **395–407**
tests, in immediate type respiratory allergy, *1975:* Feb., 34
Skull, fractures, neonatal, *1975:* May, 319–320
x-rays, in trauma, *1975:* May, 418
Sleep, disturbed, behavior problems and, *1975:* Aug., 668
Slipped capital femoral epiphysis, *1977:* Nov., 865–869
Social development, pediatrician's concern with, *1975:* Aug., 521
Sociological delinquency, *1975:* Aug., 674
Sodium, balance, in congenital heart disease, *1977:* Feb., 162
in neonatal intravenous therapy, *1977:* Aug., 542–543
neonatal disturbances, *1976:* Nov., 604–606
reabsorption of, substrate metabolism and, *1976:* Nov., 628–631
recommended intake in infants, *1977:* Feb., 9
Soft tissue injury, fractures and, *1977:* Nov., 755
Sotos syndrome, CAT scanning of, *1976:* Aug., 482
Soy protein allergy, *1975:* Nov., 779
Speech, disorders, hemiplegia and, *1976:* Aug., 421
Spina bifida, recent advances in treatment of, *1976:* Aug., **517–526**
Spine, congenital anomalies of, *1977:* Nov., 884
curvatures. See also *Scoliosis.*
Cobb technique of measuring, *1977:* Nov., 716–719
discitis of, detection by radionuclide bone imaging, *1977:* Nov., 705, 707–708
injury, *1975:* May, 421, **487–500**
neonatal, *1975:* May, 321–324
screening for deformities of, *1977:* Nov., 716–719
Spleen, and liver, trauma to, *1975:* May, **349–364**
trauma, *1975:* May, 308–310, 349–356
neonatal, *1975:* May, 325
Splenomegaly, hepatomegaly and, *1975:* Nov., 937
Spondylitis, ankylosing, *1977:* Nov., 780–781
Spondylolysis, spondylolisthesis and, *1977:* Nov., 882–883
Sports medicine, *1977:* Nov., **737–747**
Sprains, fractures and, *1977:* Nov., **749–773**
Sprengel's deformity, *1977:* Nov., 900
Status asthmaticus, blood gas analysis in, *1976:* May, 275
hyperinflation in, *1976:* May, 264
respiratory failure and, treatment, *1975:* Feb., **163–171**
Status marmoratus, hypoxic-ischemic encephalopathy and, *1976:* Aug., 390–392
Stenosis, aqueductal, on CAT scan, *1976:* Aug., 478
Steroids. See also *Corticosteroids; Hormones;* and specific steroids.
for nephrotic syndrome, *1976:* Nov., 742–743, 747
Stomach. See *Gastrointestinal tract.*
spontaneous perforation of, neonatal, *1977:* Aug., 570
Strained foods, for infants, selection of, *1977:* Feb., **37–47**
Streptococcal disease, group B, neonatal, emergency treatment, *1977:* Aug., **501–508**
Streptococcus pneumoniae, bacterial meningitis and, *1976:* Aug., 541
Sturge-Weber syndrome, *1976:* Aug., 509–512
Substrate metabolism, renal function and, *1976:* Nov., **627–637**
Succinimides, in anticonvulsant therapy, *1976:* Aug., 449–450
Sucrase-isomaltase deficiency, *1975:* Nov., 763
Suicidal behavior, *1975:* Aug., **595–604**
Suicide, gestures vs. attempts, *1975:* Aug., 600

Sulfonamides, for urinary tract infection, *1976:* Nov., 728
Sweat test, *1975:* Nov., 803
Sympathomimetic amines, for allergy, biochemical basis, *1975:* Feb., 111
Synovitis, transient, of hip, *1977:* Nov., 858–859
Systemic lupus erythematosus, *1977:* Nov., 781
  cutaneous findings of, in host defense defects, *1977:* May, 402–403
  glomerulonephritis and, *1976:* Nov., 701–702

T-CELLS, defects, in immunodeficiency syndromes, *1975:* Nov., 815–820; *1977:* May, 415, **293–311**
Teenager. See *Adolescent(s); Puberty.*
Teeth, caries, nutrition and, *1977:* Feb., **141–155**
  development, *1977:* Feb., 142–145
Temperature, caloric utilization and, *1977:* Feb., 243
Tendons, of hand, injuries to, *1975:* May, **451–463;** *1977:* Nov., 913–915
Tension-fatigue syndrome, allergic, *1975:* Feb., 229
Teratomas, neonatal, *1977:* Aug., 588
  abdominal, *1977:* Aug., 564–565
Test(s), bronchial provocation, for immediate type respiratory allergy, *1975:* Feb., 38
  leukocyte histamine release, for IgE antibodies, *1975:* Feb., 5
  radioallergosorbent (RAST), for IgE antibodies, *1975:* Feb., 6
    for immediate type respiratory allergy, *1975:* Feb., 36
  skin, for immediate type respiratory allergy, *1975:* Feb., 34
Theophylline, for asthma, biochemical basis, *1975:* Feb., 113
Thiamine, in amino acid disorders, *1976:* Aug., 563
Thigh-foot angle, in assessment of tibial torsion, *1977:* Nov., 803, 805–806
Thorax, major trauma to, *1975:* May, **341–347**
  tumors, diagnosis of, *1976:* Feb., 12–18
Thrombin, in hemostasis, *1975:* May, 293
Thrombocytopenia, in Wiskott-Aldrich syndrome, *1977:* May, 301–303
Thymosin, for immunodeficiency, *1977:* May, 325
Thymus transplant, fetal, in DiGeorge and other syndromes, *1977:* May, 297–298, 324
Thyroid, dysfunction of, neurological and muscular aspects of, *1976:* Aug., 575–594
Thyrotoxicosis, periodic paralysis with, *1976:* Aug., 580
Tibia, anterior spine of, fracture of, *1977:* Nov., 852–853
  proximal, undisplaced fracture of, *1977:* Nov., 838
Tibia vara, *1977:*Nov., 831–835
Tillaux fractures, *1977:* Nov., 767–768
Tissue, immunocompetent, transplant of, for cellular immunodeficiency, *1977:* May, 315–316
  malignant, study of, *1976:* Feb., 56–64
Toenails, ingrown, *1977:* Nov., 816–817
Toes, clawing of, cavus feet and, *1977:* Nov., 819
    steppage gait and, *1977:* Nov., 724–725
  overlapping, congenital, *1977:* Nov., 672–673
Toilet training, enuresis and, *1975:* Aug., 548
Tomography, in diagnosis of brain tumor, *1976:* Feb., 136
  in diagnosis of hemiplegia, *1976:* Aug., 424–426
  in intracranial neoplasms, *1976:* Feb., 31–39
  of head, *1976:* Aug., **473–498**
Torsional deformity, orthopedic, *1977:* Nov., **799–812**
Torticollis. See *Wryneck.*
Trace metals, deficiencies, in pediatric nutrition, *1977:* Feb., **95–106**
Trachea, trauma, *1975:* May, 342–343
Tracheotomy, in trauma, *1975:* May, 419
Traction, in supracondylar fractures, *1975:* May, 481–483
Transfer factor therapy, for immunodeficiency, *1977:* May, 324–325
Transfusion, exchange, neonatal, new uses for, *1977:* Aug., **599–604**
Transplantation, kidney, current issues in, *1976:* Nov., **857–872**
    for cystinosis, *1976:* Nov., 789
    growth after, *1976:* Nov., 890–891
Trauma. See also under specific organ.
  bone imaging in detection of, *1977:* Nov., 707–709
  childhood, symposium on, *1975;* May, **267–511**
  hemiplegia and, *1976:* Aug., 414–415
  radiographic examination in, *1977:* Nov., 689–695
Trendelenberg gait, *1977:* Nov., 724–725
Tuberous sclerosis, *1976:* Aug., 499–505
  CAT scanning of, *1976:* Aug., 494–495
Tumor(s). See also *Carcinoma;* and under specific organs or region.
  arteriography in suspected and proven, *1976:* Feb., 11–13
  bone, management of, *1976:* Feb., **183–213**
    radiographic examination of, *1977:* Nov., 697–698
    radionuclide imaging in, *1977:* Nov., **701–712**
  brain, diagnosis and treatment of, *1976:* Feb., **131–146**
  growth patterns of cells, *1976:* Feb., 67–71
  histopathology of, *1976:* Feb., **55–65**
  immunology and immunotherapy of, *1976:* Feb., **93–109**
  in patients with tuberous sclerosis, *1976:* Aug., 503

Tumors (*Continued*)
intracranial, neuroradiology in diagnosis of, *1976*: Feb., **29–39**
non-Hodgkin's, *1976*: May, 371–378
solid, diagnosis of, *1976*: Feb., **11–28**
Twin transfusion syndrome, *1977*: Aug., 485–486

ULTRASOUND, diagnostic, in assessment of fetal growth and development, *1977*: Aug., 439–447
Uremia. See also *Hemolytic uremic syndrome*.
dietary management of, *1976*: Nov., 837–840
uremic toxins and, in chronic renal failure, *1976*: Nov., 835–840
Ureter, trauma, *1975*: May, 393–397
Urethra, and perineum, injuries, *1975*: May, **401–406**
Urinalysis, as screening procedure, *1976*: Nov., 661–662
in office practice, *1976*: Nov., 725
Urinary tract, effect of cancer chemotherapy on, *1976*: Feb., 235
infection, bacterial, office diagnosis and management, *1976*: Nov., **721–734**
enuresis and, *1975*: Aug., 546
recurrent, vesicoureteral reflux and, *1976*: Nov., 715
vesicoureteral reflux and, *1976*: Nov., 731–732
Urine, acidification of, renal disorders and, *1976*: Nov., 668–670
Addis count of, *1976*: Nov., 672–673
collection and culture, *1976*: Nov., 723–724
color and odor, disorders associated with, *1976*: Nov., 663–665
culture methods and bacteriology, *1976*: Nov., 725–726
output, in diagnosis, *1976*: Nov., 666–667
Urticaria, *1975*: Feb., **193–201**
antihistamines for, *1975*: Feb., 159
Uterine constaint, congenital deformities and, *1977*: Nov., **665–677**

VALIUM. See *Diazepam*.
Vasopressin, inappropriate antidiuretic hormone secretion and, *1976*: Nov., 684
Vasospasm, renal, *1975*: May, 394
Vegetarian diet, for children, *1977*: Feb., 194–195, **203–210**
Velpeau bandage, for shoulder and humeral shaft fractures, *1977*: Nov., 767–768
Ventilation. See also *Respiration*.
assisted, in status asthmaticus, *1975*: Feb., 165
Vesicoureteral reflux, clinical significance of, *1976*: Nov., **707–720**
with urinary tract infection, *1976*: Nov., 731–732
Vincristine, inappropriate antidiuretic hormone secretion and, *1976*: Nov., 684
Violence, cultural, child abuse and, *1975*: Aug., 703
Vipeholm clinical caries study, *1977*: Feb., 145
Virus infection, gastrointestinal, *1975*: Nov., **747–755**
Vitamin B complex, in aminoacidopathies, *1976*: Aug., **557–567**
Vitamin D, in management of renal osteodystrophy, *1976*: Nov., **873–884**
maternal deficiency of, neonatal hypocalcemia and, *1976*: Nov., 620
Vitamins, fat- and water-soluble, recommended intakes in infancy, *1977*: Feb., 6–8
neonatal requirement of, *1977*: Aug., 551–552
Volkmann's ischemic contracture, *1977*: Nov., 767
Volvulus, midgut, neonatal, *1977*: Aug., 570
Von Hippel-Lindau disease, *1976*: Aug., 513–515
von Recklinghausen's disease, *1976*: Aug., 505–509

WATER, balance, in congenital heart disease, *1977*: Feb., 162
excretion, abnormal, in inappropriate antidiuretic hormone secretion, *1976*: Nov., 686
loss, insensible, in low birth weight infants, *1977*: Aug., 539–542, 623–624
recommended intake in infants, *1977*: Feb., 4
Watershed infarction, cerebral, *1976*: Aug., 392–393
Weight, control, in myelomeningocele, *1977*: Feb., 165–167
excessive. See *Obesity*.
reduction, in adolescents, *1977*: Feb., 125–129
Wilms' tumor, *1976*: Feb., 13, 19–21
neonatal, *1977*: Aug., 591–592
treatment, *1976*: Feb., **147–160**
Wilson's disease, *1975*: Nov., **963–984**
Wiskott-Aldrich syndrome, *1977*: May, 285, 301–303
atopic dermatitis in, *1977*: May, 397–398
Wringer injuries, *1977*: Nov., 916
Wryneck, congenital, *1977*: Nov., 889–893
in newborn, *1977*: Nov., 673, 676

X-RAYS. See *Radiology*.

YIN/Yang foods, *1977*: Feb., 195

ZEN macrobiotic diets, *1977*: Feb., 196
recommended intake in infants, *1977*: Feb., 10
Zinc, other trace metals and, in pediatric nutrition, *1977*: Feb., **95–106**